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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/082,427	02/22/2002	Ali Kutay	3866P008	3769
8791	7590	11/18/2004	EXAMINER	
BLAKELY SOKOLOFF TAYLOR & ZAFMAN 12400 WILSHIRE BOULEVARD SEVENTH FLOOR LOS ANGELES, CA 90025-1030			NGUYEN, NHON D	
			ART UNIT	PAPER NUMBER
			2179	

DATE MAILED: 11/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/082,427

Applicant(s)

KUTAY ET AL.

Examiner

Nhon (Gary) D Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 February 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-36 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 11042004.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 4, 13, 22 and 31 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 4 recites the limitations "said application server" and "said starting component" in lines 2 and 3 respectively. There is insufficient antecedent basis for this limitation in the claim.

The same rejection is applied to claims 13, 22 and 31.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1, 2, 5, 8-11, 14, 17-20, 23, 26-29, 32, 35 and 36 are rejected under 35 U.S.C. 102(e) as being anticipated by Charisius et al. ("Charisius", US 2002/0112225).

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As per independent claims 1, 10, 19 and 28, Charisius teaches a computer implemented method and corresponding system for facilitating visual analysis and removal of errors from an application to provide data to a user comprising the steps/means:

presenting a first user interface area to display an application layout of said application (2102; fig. 21), said application layout comprising a plurality of application icons (2106 and 2108; fig. 21) and at least one connection that connects said plurality of application icons (2110; fig 21), each application icon corresponding to an application component of said application (page 12, [0111]); and

presenting a second user interface area (the top menu toolbar in fig. 21) to enable said user to execute said application and to run a debug session in order to visually remove said errors from each application component of said application displayed within said first user interface area (page 13, [0119]).

As per claims 2, 11, 20 and 29, Charisius teaches presenting said second user interface area further comprises:

facilitating selection of an application server, which stores said application, from a server menu displayed within said second user interface area; facilitating selection of said application from an application menu displayed within said second user interface area (page 10, [0100]); and

facilitating selection of a starting component of said application from a component menu displayed within said second user interface area (component menu frame on the left of fig. 21 is used to open any particular object).

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As per claims 5, 14, 23 and 32, Charisius teaches presenting said second user interface area further comprises:

facilitating retrieval of said each application component from said application server (page 12, [0111]); and

facilitating visual sequential analysis and removal of errors from said each application component (page 13, [0119]).

As per claims 8, 17, 26 and 35, starting component 2106 (fig. 21) in Charisius's reference is an action component.

As per claims 9, 18, 27 and 36, Charisius teaches:

facilitating retrieval of a process component of said application (CashSale 2108 of fig. 21; page 12, [0111]); and presenting a third user interface area to facilitate analysis and removal of errors from said process component (page 12, [0111]).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 3, 4, 7, 12, 13, 16, 21, 22, 25, 30, 31 and 34 are rejected under 35 U.S.C. 103(a) as being unpatentable over Charisius in view of Official Notice.

As per claims 3, 12, 21 and 30, Charisius does not disclose presenting said second user interface area further comprises facilitating loading of a browser in a browser window area to execute said application. However, Charisius's application is a java application (page 5, [0072]). Applet or JSP/Servlet components are java application and these components are run within a web browser such as Netscape or Microsoft Internet Explore. Examiner takes Official Notice that it is obvious in Java technology to apply a web browser in order to run java applet or JSP/Servlet components. It would have been obvious to an artisan at the time of the invention to use the teaching from Official Notice of applying a web browser in order to run java applet or JSP/Servlet components in Charisius's Java development tool since the development tool does not have to create its own executing platform.

As per claims 4, 13, 22 and 31, Charisius in view of Official Notice teaches the browser displays in said browser window area a page defined by said application server (Charisius, page 5, [0070]), said application (Charisius, page 12, [0111]), and said starting component (Charisius, Object1 2106 of fig. 21).

As per claims 7, 16, 25 and 34, Charisius does not disclose the starting component is a Java Server Page (JSP) view component. However, Charisius's application is a java application (page 5, [0072]) that can be used to build servlet components. Examiner takes Official Notice it is obvious that in order to view a servlet component, a JSP view component must be in place to start with. It would have been obvious to an artisan at the time of the invention to use the

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teaching from Official Notice of having a JSP view component as a starting component in Charisius's system since it would allow the tool to test a servlet component.

7. Claims 6, 15, 24 and 33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Charisius in view of Goli et al. ("Goli", US 6,418,543).

As per claims 6, 15, 24 and 33, Charisius does not disclose presenting the second user interface area further comprises: facilitating selection of a debugging destination file to save debug session information associated with said debug session; and facilitating storage of said debug session information in said debugging destination file. Goli teaches each command logged during the debugging session has been previously stored in the error report file (col. 11, lines 12-40). It would have been obvious to an artisan at the time of the invention to use the teaching from Goli of storing debugging session in log file in Charisius's system since the error report file may contain important information which may be used to later recreate the testing session.

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US 5862379 A to Rubin, Robert V. et al. discloses Visual programming tool for developing software applications.

US 6658487 B1 to Smith, Christopher discloses Collection of events within a distributed object system.

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US 5905649 A to Sojoodi, Omid et al. discloses System and method for performing type checking and class propagation of attributes in a graphical data flow program.

US 5999729 A to Tabloski, Jr., Theodore F. et al. discloses System and method for developing computer programs for execution on parallel processing systems.

Inquiries

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nhon (Gary) D Nguyen whose telephone number is (571)272-4139. The examiner can normally be reached on Monday - Friday with every other Monday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather R Herndon can be reached on (571)272-4136. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Nhon (Gary) Nguyen
November 9, 2004

BA HUYNH
PRIMARY EXAMINER